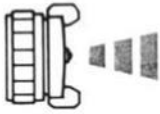

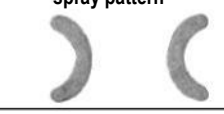




# Troubleshooting

Symptoms	Causes	Remedies
<b>The paint does not come out regularly, i.e., spluttering</b> 	1- Insufficient paint in the pot 2- The gun is too inclined 3- The paint flow is obstructed 4- The nozzle is loose or damaged 5- The viscosity of paint is too high 6- The hole of the cover is obstructed 7- The packing gland of the needle is worn or the gland nut is loosened	1- Fill the pot 2- Adjust 3- Clean with solvent 4- Tighten or replace 5- Reduce the viscosity 6- Clean 7- Replace or adjust
<b>Irregular spray pattern (Only on one side)</b> 	1- The hole of the curved head is partially obstructed or damaged 2- Paint or dust sticks on head conical walls and on the nozzle, or the parts are damaged 3- (X) Paint or dust sticks on upper portion of the nozzle 4- (Y) Paint or dust sticks on lower portion of the nozzle	1- Clean or replace 2- Clean or replace 3- Clean (X) 4- Clean (Y)
<b>Semicircular spray pattern</b> 	1- (X) The air cap right hole is obstructed 1- (Y) The air cap left hole is obstructed 2- (X) Paint sticks on the right side of the air cap 2- (Y) Paint sticks on the left side of the air cap 3- The air cap or nozzle holes are damaged	1- Clean (X) (Y) 2- Clean (X) (Y) 3- Replace
<b>Irregular spray pattern (drop pattern)</b> 	1- Damaged nozzle 2- Excessive clearance between air cap diameter and nozzle OD 3- The air passing through the air cap holes is insufficient or the pressure is too low 4- The pressure pushing the paint (pressurised pot operation) is too high 5- The viscosity is too high	1- Replace 2- Replace 3- Increase the air volume or the pressure 4- Reduce the pressure 5- Reduce the viscosity
<b>Irregular spray pattern (narrow at the centre)</b> 	1- The air volume passing through the air cap holes is excessive and the pressure is too high 2- Paint or dust deposit between head and nozzle	1- Reduce the air volume and reduce the pressure 2- Clean
<b>Spray centre too full</b>	1- Too much product 2- Product too thick	1- Use less 2- Dilute it
<b>Impossible to get a round spray</b>	1- Jet support loose 2- Jet support ruined	1- Close it 2- Change it
<b>It does not atomise</b>	1- There is no air in the gun 2- Air control valve not open properly 3- Product regulation button not open properly 4- The hole of the cover is obstructed 5- The hole of the non-drip device is obstructed	1- Check the air line 2- Open the air regulation valve 3- Open the product regulation valve 4- Clean and/or replace 5- Clean and/or replace
<b>Product leaking out of the nozzle</b>	1- The packing nut is too tight 2- Needle is damaged 3- Needle not aligned with nozzle	1- Loosen it 2- Change it 3- Check or change it
<b>Sagging</b>	1- Too much product 2- Product too thin 3- Bad positioning of the gun	1- Use less 2- Add some undiluted product 3- Keep the gun perpendicular
<b>Too much atomising (overspray)</b>	1- Too much thinners 2- Too high air pressure	1- Add some undiluted product 2- Decrease the air pressure
<b>Too much atomisation at the edges of the spray</b>	1- Too high air pressure 2- Gun too far away from the surface to be sprayed 3- Too quick and arched in movement	1- Decrease the air pressure 2- Move closer 3- Slow down and keep straight in movement
<b>Coarse finish, dry atomisation</b>	1- Gun too far from the surface 2- Too high an air pressure	1- Reduce the distance 2- Decrease the air pressure
<b>Finish with "orange peel" look</b>	1- Gun too near 2- Too low an air pressure 3- Surface oxidised or greasy	1- Increase the distance 2- Increase the atomisation pressure 3- Clean or degrease the surface